

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAEXO1623

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 4 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 5 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records  
NEWS 6 MAY 11 KOREAPAT updates resume  
NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 8 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and  
USPATFULL/USPAT2  
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS  
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and  
and display fields  
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL  
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced  
NEWS 14 JUL 14 FSTA enhanced with Japanese patents  
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI  
NEWS 16 AUG 09 INSPEC enhanced with 1898-1968 archive  
  
NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:10:52 ON 14 AUG 2006

=> file registry		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 16:10:59 ON 14 AUG 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 13 AUG 2006 HIGHEST RN 901009-82-3  
DICTIONARY FILE UPDATES: 13 AUG 2006 HIGHEST RN 901009-82-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

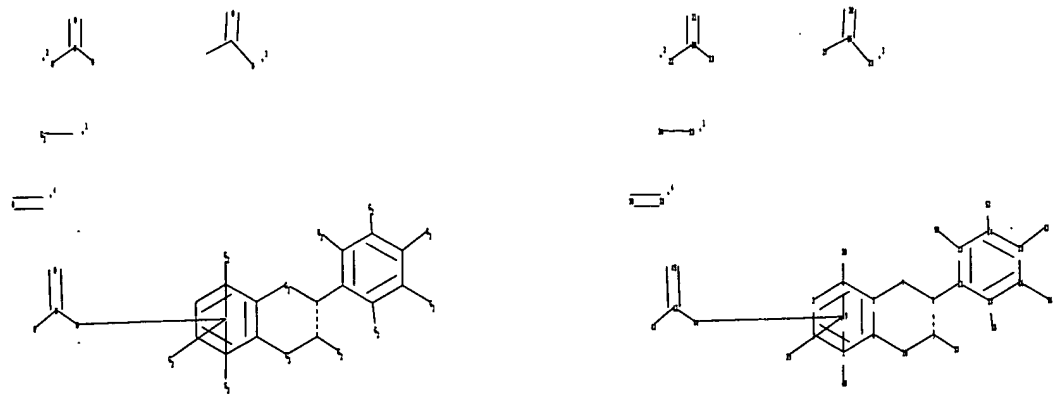
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10762796LEFTRING.str



```

chain nodes :
20 21 22 23 25 26 27 28 30 31 33 34 37 38 39 40 42 43 44 45 50
52 53 54 55
ring nodes :
1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17
chain bonds :
8-12 9-37 13-50 14-52 15-53 16-54 17-55 20-21 20-22 20-23 25-26 26-27
26-28 30-31 33-34 42-43 42-44 42-45
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15
15-16 16-17
exact/norm bonds :
5-7 6-10 7-8 8-9 8-12 9-10 9-37 13-50 14-52 15-53 16-54 17-55 20-21
20-22 20-23 25-26 26-27 26-28 30-31 33-34 42-43 42-44 42-45
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 12 :

```

G1:O, [\*1]

G2:H,F,OH,EtO,OPO3H2,OSO3H, [\*2], [\*3]

G3:[\*4], [\*1]

Connectivity :

12:1 M minimum RC ring/chain 13:1 M minimum RC ring/chain 14:1 M minimum RC  
ring/chain 15:1 M minimum RC ring/chain 16:1 M minimum RC ring/chain 17:1 M  
minimum RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 20:CLASS 21:CLASS 22:CLASS  
23:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 30:CLASS 31:CLASS 33:CLASS  
34:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 42:CLASS 43:CLASS 44:CLASS  
45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 52:CLASS 53:CLASS  
54:CLASS 55:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 16:11:25 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 51 TO ITERATE

100.0% PROCESSED 51 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 592 TO 1448

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 16:11:33 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 891 TO ITERATE

100.0% PROCESSED 891 ITERATIONS

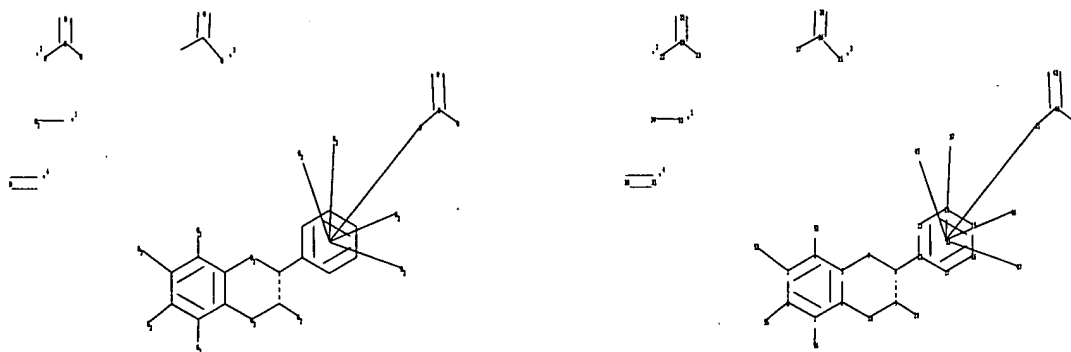
0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10762796RIGHTRING.str



chain nodes :

20 21 22 23 25 26 27 28 30 31 33 34 37 39 40 41 42 43 45 46 47  
52 53 55 56

ring nodes :

1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17

chain bonds :

1-56 2-55 3-53 4-52 8-12 9-39 20-21 20-22 20-23 25-26 26-27 26-28 30-31  
33-34 40-41 40-42 40-43

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15  
15-16 16-17

exact/norm bonds :

1-56 2-55 3-53 4-52 5-7 6-10 7-8 8-9 8-12 9-10 9-39 20-21 20-22 20-23  
25-26 26-27 26-28 30-31 33-34 40-41 40-42 40-43

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17  
isolated ring systems :  
containing 12 :

G1:O, [\*1]

G2:H,F,OH,EtO,OPO3H2,OSO3H, [\*2], [\*3]

G3:[\*4], [\*1]

Connectivity :

12:1 M minimum RC ring/chain 13:1 M minimum RC ring/chain 14:1 M minimum RC  
ring/chain 15:1 M minimum RC ring/chain 16:1 M minimum RC ring/chain 17:1 M  
minimum RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 20:CLASS 21:CLASS 22:CLASS  
23:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 30:CLASS 31:CLASS 33:CLASS  
34:CLASS 37:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:Atom  
45:CLASS 46:CLASS 47:CLASS 48:Atom 49:Atom 50:Atom 51:Atom 52:CLASS  
53:CLASS 55:CLASS 56:CLASS

L4 STRUCTURE UPLOADED

=> d l4

L4 HAS NO ANSWERS

L4 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 16:14:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 51 TO ITERATE

100.0% PROCESSED 51 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 592 TO 1448  
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s l5 sss full

FULL SEARCH INITIATED 16:14:18 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 891 TO ITERATE

100.0% PROCESSED 891 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

L6 0 SEA SSS FUL L4

=> d l

L6 HAS NO ANSWERS

'L ' IS NOT A VALID STRUCTURE FORMAT KEYWORD

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains

data. (Default)  
SIM ----- Structure IMAge.  
SAT ----- Structure ATtributes and map table if it contains data.  
SCT ----- Structure Connection Table and map table if it contains  
data.  
SDA ----- All Structure DAta (image, attributes, connection table and  
map table if it contains data).  
NOS ----- NO Structure data.  
ENTER STRUCTURE FORMAT (SIM), NOS:sim  
L4 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.  
L6 0 SEA FILE=REGISTRY SSS FUL L4

=> log hold		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	335.64	335.85

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 16:14:31 ON 14 AUG 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

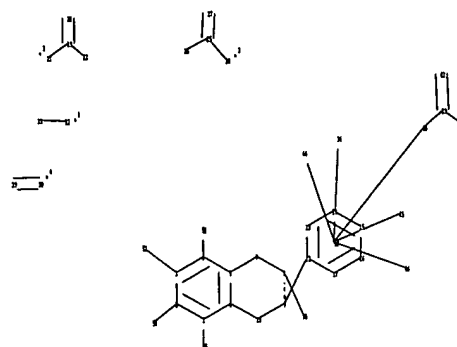
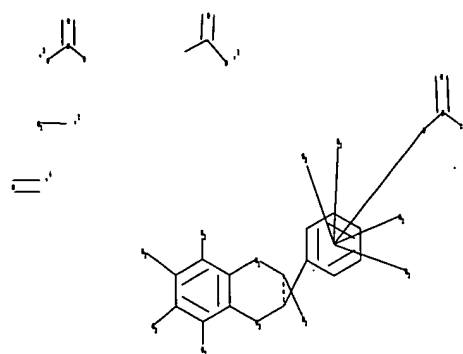
LOGINID:SSPTAEXO1623

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'REGISTRY' AT 16:16:54 ON 14 AUG 2006  
FILE 'REGISTRY' ENTERED AT 16:16:54 ON 14 AUG 2006  
COPYRIGHT (C) 2006 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	335.64	335.85

=>  
Uploading C:\Program Files\Stnexp\Queries\10762796RIGHTRING3.str



```

chain nodes :
19 20 21 22 24 25 26 27 29 30 32 33 36 38 39 40 41 42 44 45 46
51 52 54 55
ring nodes :
1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17
chain bonds :
1-55 2-54 3-52 4-51 8-38 9-12 19-20 19-21 19-22 24-25 25-26 25-27 29-30
32-33 39-40 39-41 39-42
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-17 12-13 13-14 14-15
15-16 16-17
exact/norm bonds :
1-55 2-54 3-52 4-51 5-7 6-10 7-8 8-9 8-38 9-10 9-12 19-20 19-21 19-22
24-25 25-26 25-27 29-30 32-33 39-40 39-41 39-42
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-17 12-13 13-14 14-15 15-16 16-17
isolated ring systems :
containing 12 :

```

G1:O, [\*1]

G2:H, F, OH, EtO, OPO3H2, OSO3H, [\*2], [\*3]

G3:[\*4], [\*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:CLASS 20:CLASS 21:CLASS  
22:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 29:CLASS 30:CLASS 32:CLASS  
33:CLASS 36:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:Atom  
44:CLASS 45:CLASS 46:CLASS 47:Atom 48:Atom 49:Atom 50:Atom 51:CLASS  
52:CLASS 54:CLASS 55:CLASS

L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

L7 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s 17

SAMPLE SEARCH INITIATED 16:17:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 51 TO ITERATE

100.0% PROCESSED 51 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 592 TO 1448

PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

=> s 17 sss full

FULL SEARCH INITIATED 16:17:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 891 TO ITERATE

100.0% PROCESSED 891 ITERATIONS

0 ANSWERS

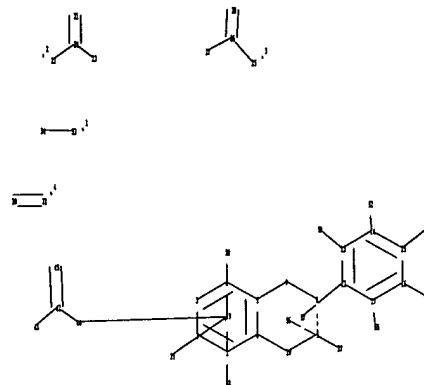
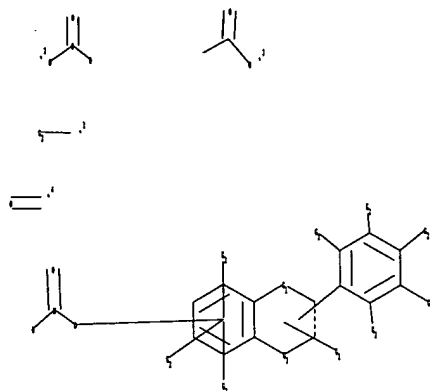
SEARCH TIME: 00.00.01

L9 0 SEA SSS FUL L7

=>

Uploading C:\Program Files\Stnexp\Queries\10762796LEFTRING2.str





```

chain nodes :
20 21 22 23 25 26 27 28 30 31 33 34 37 38 39 40 42 43 44 45 50
52 53 54 55
ring nodes :
1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17
chain bonds :
13-50 14-52 15-53 16-54 17-55 20-21 20-22 20-23 25-26 26-27 26-28 30-31
33-34 42-43 42-44 42-45
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-17 12-13 13-14 14-15
15-16 16-17
exact/norm bonds :
5-7 6-10 7-8 8-9 9-10 13-50 14-52 15-53 16-54 17-55 20-21 20-22 20-23
25-26 26-27 26-28 30-31 33-34 42-43 42-44 42-45
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-17 12-13 13-14 14-15 15-16 16-17
isolated ring systems :
containing 12 :

```

G1:O, [\*1]

G2:H, F, OH, EtO, OPO3H2, OSO3H, [\*2], [\*3]

G3:[\*4],[\*1]

Connectivity :

12:1 M minimum RC ring/chain 13:1 M minimum RC ring/chain 14:1 M minimum RC ring/chain 15:1 M minimum RC ring/chain 16:1 M minimum RC ring/chain 17:1 M minimum RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 20:CLASS 21:CLASS 22:CLASS  
23:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 30:CLASS 31:CLASS 33:CLASS  
34:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 42:CLASS 43:CLASS 44:CLASS  
45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 52:CLASS 53:CLASS  
54:CLASS 55:CLASS 56:CLASS 57:CLASS

L10 STRUCTURE UPLOADED

=> d l10

L10 HAS NO ANSWERS

L10 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l10

SAMPLE SEARCH INITIATED 16:18:02 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 590 TO ITERATE

100.0% PROCESSED 590 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 10343 TO 13257

PROJECTED ANSWERS: 0 TO 0

L11 0 SEA SSS SAM L10

=> s l10 full

FULL SEARCH INITIATED 16:18:10 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 10806 TO ITERATE

100.0% PROCESSED 10806 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L12 0 SEA SSS FUL L10

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

669.52

669.73

STN INTERNATIONAL LOGOFF AT 16:18:15 ON 14 AUG 2006